

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L29/06 G06F1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/47356 A (DIEHL ERIC ;ANDREAUX JEAN PIERRE (FR); CHEVREAU SYLVAIN (FR); THOM) 13 June 2002 (2002-06-13)	1-15
Y	page 4, line 31 -page 8, line 20 page 10, line 21 -page 14, line 4 figures 1-4	16-29
X	WO 01/59549 A (KONINKL PHILIPS ELECTRONICS NV) 16 August 2001 (2001-08-16)	1-15
A	page 7, line 5 -page 15, line 8 figures 7-18	16-29
	--- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

* & * document member of the same patent family

Date of the actual completion of the international search

23 June 2004

Date of mailing of the international search report

01/07/2004

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Bengi-Akyuerek, K

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97/38530 A (DAVIES DONALD WATTS ;GLASSPOOL ANDREW (GB); DIGCO B V (NL); RIX SI) 16 October 1997 (1997-10-16)	1-15
A	page 4, line 4 -page 5, line 10 figure 2	16-29
X	WO 01/98903 A (MINDPORT USA ;FRANS DONK ROBERT W (US)) 27 December 2001 (2001-12-27)	1-15
A	page 10, line 1 -page 11, last line page 33, line 23 -page 39, line 3 figures 1,2,6-8	16-29
Y	WO 01/11883 A (PATEL BAIJU V ;BAUGHER MARK J (US); INTEL CORP (US)) 15 February 2001 (2001-02-15)	16-29
A	page 16, paragraph IV. -page 24, line 7 figures 1-15	1-15
A	EP 1 253 762 A (THOMSON LICENSING SA) 30 October 2002 (2002-10-30) paragraphs '0073!-'0085! figures 1,3,4	1-15

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0247356	A	13-06-2002	FR 2818062 A1	14-06-2002
			AU 2960102 A	18-06-2002
			BR 0115979 A	06-01-2004
			CN 1478350 T	25-02-2004
			WO 0247356 A2	13-06-2002
			EP 1348291 A2	01-10-2003
			HU 0303569 A2	28-01-2004
			US 2004083364 A1	29-04-2004
WO 0159549	A	16-08-2001	CN 1366631 T	28-08-2002
			WO 0159549 A2	16-08-2001
			EP 1212670 A2	12-06-2002
			JP 2003523009 T	29-07-2003
WO 9738530	A	16-10-1997	AT 193963 T	15-06-2000
			AU 2506397 A	29-10-1997
			BR 9708500 A	03-08-1999
			CA 2250833 A1	16-10-1997
			CN 1215528 A , B	28-04-1999
			DE 69702310 D1	20-07-2000
			DE 69702310 T2	18-01-2001
			DK 891670 T3	30-10-2000
			WO 9738530 A1	16-10-1997
			EP 0891670 A1	20-01-1999
			ES 2149585 T3	01-11-2000
			GR 3034392 T3	29-12-2000
			HR 970160 A1	28-02-1998
			JP 2000508482 T	04-07-2000
			PT 891670 T	29-12-2000
			US 2002126844 A1	12-09-2002
			US 6385317 B1	07-05-2002
			ZA 9702786 A	23-10-1997
WO 0198903	A	27-12-2001	AU 6985601 A	02-01-2002
			EP 1407360 A1	14-04-2004
			WO 0198903 A1	27-12-2001
			US 2003161473 A1	28-08-2003
WO 0111883	A	15-02-2001	AU 6519600 A	05-03-2001
			EP 1205072 A1	15-05-2002
			JP 2003506974 T	18-02-2003
			WO 0111883 A1	15-02-2001
EP 1253762	A	30-10-2002	FR 2824212 A1	31-10-2002
			BR 0201403 A	12-11-2002
			CA 2381110 A1	25-10-2002
			CN 1383296 A	04-12-2002
			EP 1253762 A1	30-10-2002
			HU 0201358 A2	28-01-2003
			JP 2003008566 A	10-01-2003
			PL 353583 A1	04-11-2002
			US 2003108206 A1	12-06-2003
			ZA 200203084 A	25-11-2002

Best Available Copy